

## General

### Title

Preventive services: percentage of enrolled members age less than or equal to 18 years who are up-to-date for all appropriate preventive services (combination 4).

### Source(s)

Bussey S, Warner K. 2014 clinical indicators report: 2013/2014 results. Minneapolis (MN): HealthPartners; 2014 Oct. 131 p.

## Measure Domain

### Primary Measure Domain

Clinical Quality Measures: Process

### Secondary Measure Domain

Does not apply to this measure

## Brief Abstract

### Description

This measure is used to assess the percentage of enrolled members age less than or equal to 18 years who are up-to-date for all appropriate preventive services (combination 4) based on age and gender.

### Rationale

Appropriate and timely preventive care significantly reduces morbidity and mortality. Preventive service rates improve if every patient encounter is seen as an opportunity to address preventive care needs. Looking at the member's up-to-date status as inclusive of all required preventive services, rather than individual, discrete services is more meaningful and patient centered.

### Evidence for Rationale

## Primary Health Components

Preventive services (vision screening, height and weight, chlamydia screening, tetanus, childhood immunization combinations, meningococcal immunization, human papillomavirus [HPV] immunization, tobacco assessment); child; adolescent

## Denominator Description

Members age less than or equal to 18 years by December 31 of the measurement year who were continuously enrolled from January 1 to December 31 of the measurement year, with not more than a 45 day break in coverage and who had a clinic visit (see the related "Denominator Inclusions/Exclusions" field)

## Numerator Description

Members from the denominator who have had appropriate preventive services (combination 4) based on age and gender (see the related "Numerator Inclusions/Exclusions" field)

## Evidence Supporting the Measure

### Type of Evidence Supporting the Criterion of Quality for the Measure

A clinical practice guideline or other peer-reviewed synthesis of the clinical research evidence

### Additional Information Supporting Need for the Measure

Refer to the *2014 Clinical Indicators Report*, which features comparative provider performance on measures of clinical quality, patient experience and affordability related to preventive and chronic care, behavioral health, pharmacy, specialty care, hospital care and total cost of care. A technical supplement to the *2014 Clinical Indicators Report* is also available and includes measurement detail, optimal component rates, trended plan rates over time and external benchmarks.

### Evidence for Additional Information Supporting Need for the Measure

Bussey S, Warner K. 2014 clinical indicators report: 2013/2014 results. Minneapolis (MN): HealthPartners; 2014 Oct. 131 p.

Bussey S, Warner K. 2014 clinical indicators report: 2013/2014 results. Technical supplement. Minneapolis (MN): HealthPartners; 141 p.

## Extent of Measure Testing

Unspecified

# State of Use of the Measure

## State of Use

Current routine use

## Current Use

not defined yet

# Application of the Measure in its Current Use

## Measurement Setting

Ambulatory/Office-based Care

Managed Care Plans

## Professionals Involved in Delivery of Health Services

not defined yet

## Least Aggregated Level of Services Delivery Addressed

Clinical Practice or Public Health Sites

## Statement of Acceptable Minimum Sample Size

Unspecified

## Target Population Age

Age less than or equal to 18 years

## Target Population Gender

Either male or female

# National Strategy for Quality Improvement in Health Care

## National Quality Strategy Aim

Better Care

# National Quality Strategy Priority

Health and Well-being of Communities  
Prevention and Treatment of Leading Causes of Mortality

## Institute of Medicine (IOM) National Health Care Quality Report Categories

### IOM Care Need

Staying Healthy

### IOM Domain

Effectiveness

## Data Collection for the Measure

### Case Finding Period

January 1 to December 31 of the measurement year

### Denominator Sampling Frame

Enrollees or beneficiaries

### Denominator (Index) Event or Characteristic

Encounter

Patient/Individual (Consumer) Characteristic

### Denominator Time Window

not defined yet

### Denominator Inclusions/Exclusions

#### Inclusions

Members age less than or equal to 18 years as of December 31 of the measurement year who were continuously enrolled from January 1 to December 31 of the measurement year, with not more than a 45 day break in coverage and who had a clinic visit

#### Exclusions

Members can be validly excluded from the measure if they died in measurement year or sampling error (incorrect age).

Members can be validly excluded from a component if there is a contraindication.

## Exclusions/Exceptions

not defined yet

## Numerator Inclusions/Exclusions

### Inclusions

Members from the denominator who have had appropriate preventive services (combination 4)\* based on age and gender

\*Preventive services, timeframes and ages audited for each component for combination 4 include:

Vision screening (by December 31 of measurement year)  
Height and weight (recorded on same date in measurement year) (ages greater than or equal to 3 and less than or equal to 18 [age 2 + one year for annual])  
Chlamydia screening (in measurement year) (sexually active women per Health Effectiveness Data and Information Set [HEDIS] criteria, age greater than or equal to 16 and less than or equal to 18)  
Tetanus, adolescent (less than or equal to 13 years)  
Meningococcal immunization (less than or equal to 13 years)  
Human papillomavirus (HPV) ages 13 to 18 (UTD by December 31 of measurement year) *series of 3*  
Immunization combination ages 2 to 4 (up-to-date [UTD] by December 31 of measurement year) (4 diphtheria, tetanus, acellular pertussis [DTaP], 3 polio, 1 measles mumps rubella [MMR], 3 Haemophilus influenza type B [HiB], 3 hepatitis B [HepB], 1 varicella [VZV], 4 pneumococcal)  
Immunization combination ages 7 and 8 (UTD less than or equal to 7 years) (DTaP #5, MMR #2, polio #4, VZV #2)  
Tobacco assessment (in measurement year)

### Exclusions

Unspecified

## Numerator Search Strategy

Fixed time period or point in time

## Data Source

Administrative clinical data

Paper medical record

## Type of Health State

Does not apply to this measure

## Instruments Used and/or Associated with the Measure

Unspecified

## Computation of the Measure

## Measure Specifies Disaggregation

Measure is disaggregated into categories based on different definitions of the denominator and/or numerator

## Basis for Disaggregation

This measure is disaggregated based on different definitions of the numerator. Report the rate for members who are up-to-date (UTD) for all appropriate preventive services and the percent UTD rate by each service type:

Vision screening (by December 31 of measurement year)

Height and weight (recorded on same date in measurement year) (ages greater than or equal to 3 and less than or equal to 18 [age 2 + one year for annual])

Chlamydia screening (in measurement year) (sexually active women per Health Effectiveness Data and Information Set [HEDIS] criteria, age greater than or equal to 16 and less than or equal to 18)

Tetanus, adolescent (less than or equal to 13 years)

Meningococcal immunization (less than or equal to 13 years)

Human papillomavirus (HPV) ages 13 to 18 (UTD by December 31 of measurement year) *series of 3*

Immunization combination ages 2 to 4 (UTD by December 31 of measurement year) (4 diphtheria, tetanus, acellular pertussis [DTaP], 3 polio, 1 measles mumps rubella [MMR], 3 Haemophilus influenza type B [HiB], 3 hepatitis B [HepB], 1 varicella [VZV], 4 pneumococcal)

Immunization combination ages 7 and 8 (UTD less than or equal to 7 years) (DTaP #5, MMR #2, polio #4, VZV #2)

Tobacco assessment (in measurement year)

## Scoring

Rate/Proportion

## Interpretation of Score

Desired value is a higher score

## Allowance for Patient or Population Factors

not defined yet

## Standard of Comparison

not defined yet

## Prescriptive Standard

Percent reaching all targets\* - 2013 Goal:

Silver--85%

Gold--90%

\*Targets: patients receiving all appropriate services (refer to the "Numerator Inclusions/Exclusions" field).

## Evidence for Prescriptive Standard

Bussey S, Warner K. 2014 clinical indicators report: 2013/2014 results. Minneapolis (MN): HealthPartners; 2014 Oct. 131 p.

## Identifying Information

## Original Title

Preventive services—child and adolescent (combination 4).

## Measure Collection Name

HealthPartners Clinical Indicators

## Measure Set Name

Preventive Services

## Submitter

HealthPartners - Managed Care Organization

## Developer

HealthPartners - Managed Care Organization

## Funding Source(s)

HealthPartners

## Composition of the Group that Developed the Measure

- Provider Measurement Committee
- Preventive Services Quality Committee

## Financial Disclosures/Other Potential Conflicts of Interest

None

## Adaptation

This measure was not adapted from another source.

## Date of Most Current Version in NQMC

2014 Oct

## Measure Maintenance

Annual

## Date of Next Anticipated Revision

2015 Oct

## Measure Status

This is the current release of the measure.

This measure updates a previous version: Wehrle D, Bussey S. 2013 clinical indicators report: 2012/2013 results. Minneapolis (MN): HealthPartners; 2013 Oct. 134 p.

The measure developer reaffirmed the currency of this measure in November 2015.

## Measure Availability

Source available from the [HealthPartners Web site](#) .

For more information, contact the HealthPartners Quality Measurement and Improvement Department at 8170 33rd Ave S., Bloomington, MN 55425; Phone: 952-883-5777; E-mail: [quality@healthpartners.com](mailto:quality@healthpartners.com); Web site: <https://www.healthpartners.com/provider-public/quality-and-measurement/>

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## Companion Documents

The following are available:

HealthPartners. National Quality Measures Clearinghouse (NQMC) measure submission form: Preventive services: percentage of enrolled members ages less than or equal to 18 years who are up-to-date for all appropriate preventive services (combination 2). 2012 Oct. 9 p.

Institute for Clinical Systems Improvement (ICSI). Preventive services for children and adolescents. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2010 Sep. 82 p.

Bussey S, Warner K. 2014 clinical indicators report: 2013/2014 results. Technical supplement. Minneapolis (MN): HealthPartners; 141 p. This document is available from the [HealthPartners Web site](#) .

## NQMC Status

This NQMC summary was completed by ECRI Institute on November 22, 2013. The information was verified by the measure developer on February 24, 2014.

This NQMC summary was updated by ECRI Institute on April 22, 2015.

The information was reaffirmed by the measure developer on November 27, 2015.

## Copyright Statement

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## Production

## Source(s)

Bussey S, Warner K. 2014 clinical indicators report: 2013/2014 results. Minneapolis (MN): HealthPartners; 2014 Oct. 131 p.



# Disclaimer

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